

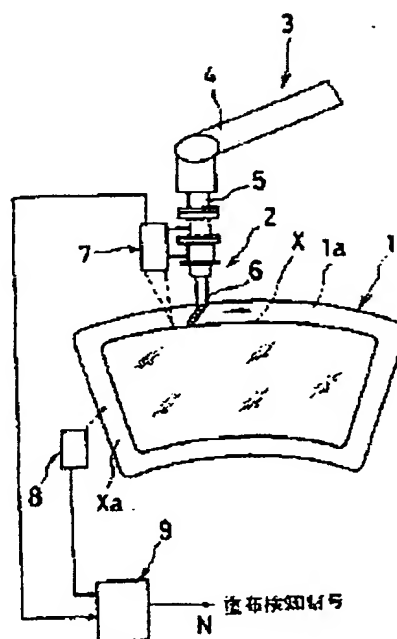
# METHOD AND DEVICE FOR DETECTING APPLICATION FAILURE OF PAINT

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## Abstract of JP1156650

**PURPOSE:** To automatically and surely detect the application failure by comparing a difference between a temperature of the applied surface by heat of vaporization and a temperature of the non-applied surface, and a set value. **CONSTITUTION:** As for an applying device 2, a primer applying jig 6 is attached through a jig 5 to the tip of an arm 4 of a robot 3. To the rear part side in the applying direction of the jig 5, the first temperature sensor 7 is attached, and on the non-applied surface Xa of glass 1, the second temperature sensor 8 is provided. In this state, to the applied surface X of the glass 1, a paint is applied successively by the applying device 2, and also, right in the rear part of the applying part, a temperature of the applied surface X by heat of vaporization of a solvent component contained in the paint is detected by the first temperature sensor 7. On the other hand, a temperature of the non-applied surface Xa of the glass 1 is detected simultaneously by the second temperature sensor 8, and a difference between the temperature of the applied surface X by heat of vaporization and the temperature of the non-applied surface Xa is calculated by an arithmetic unit 9 and compared with a set value.



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